

FIG. 1A

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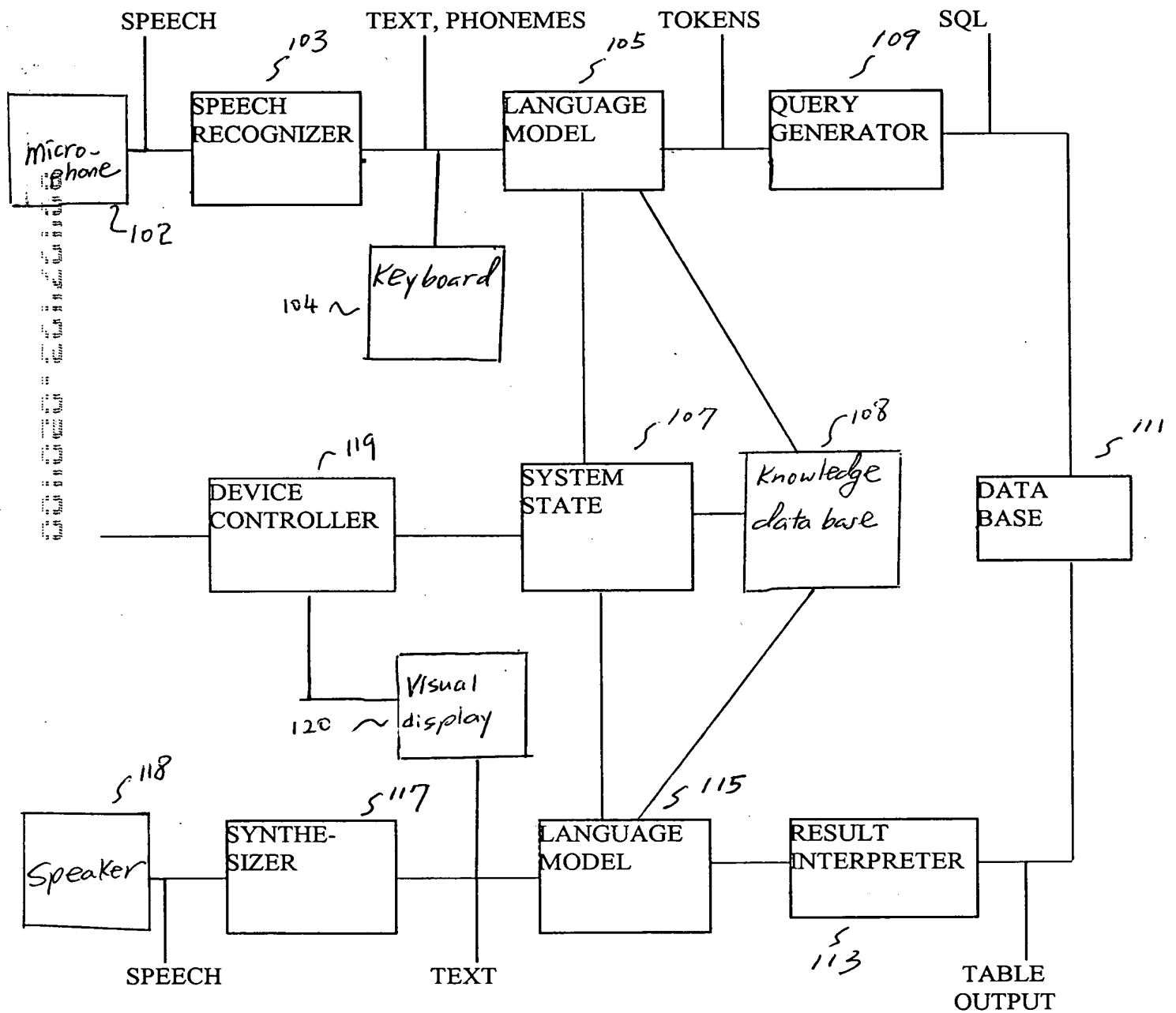
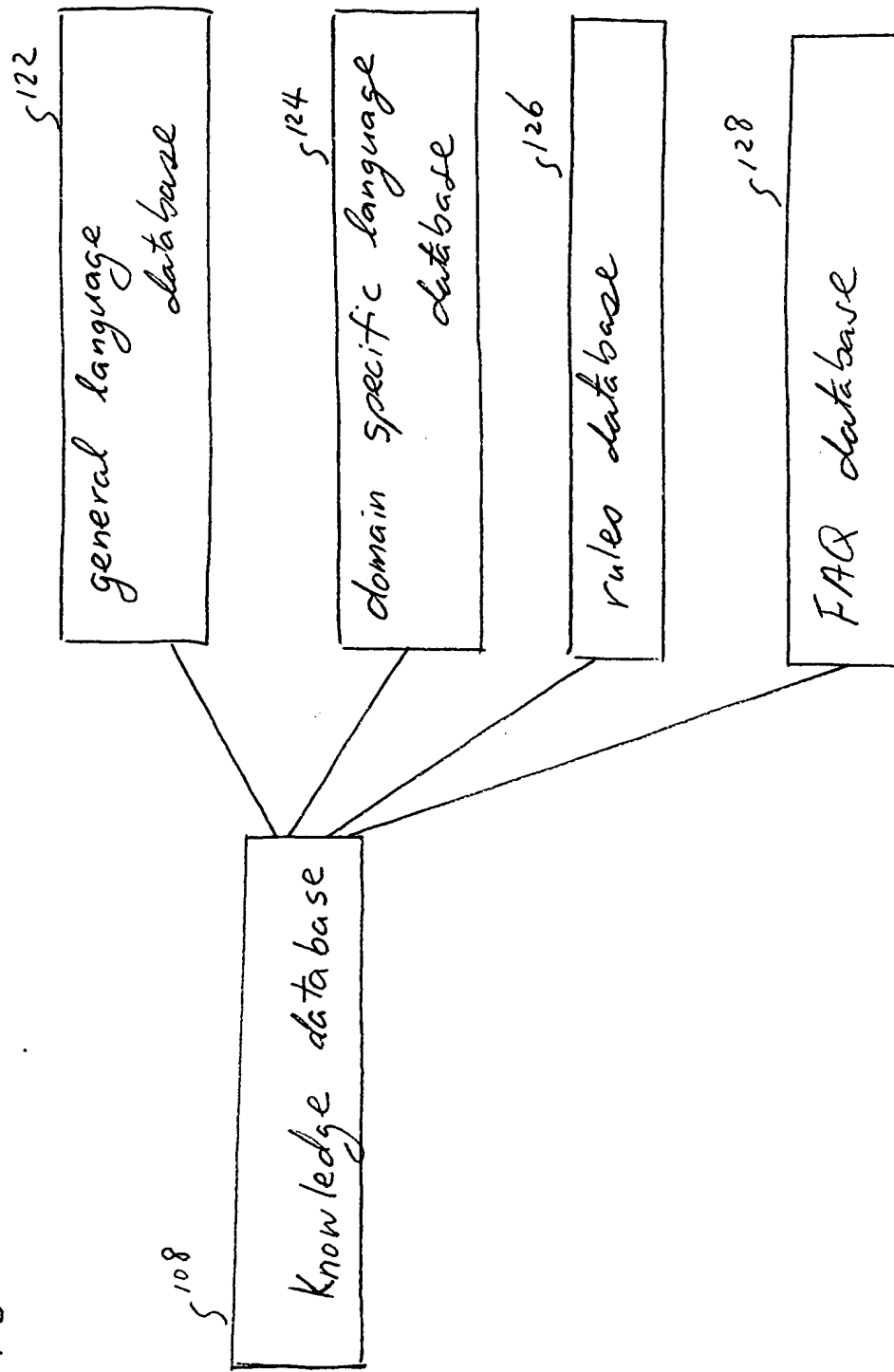
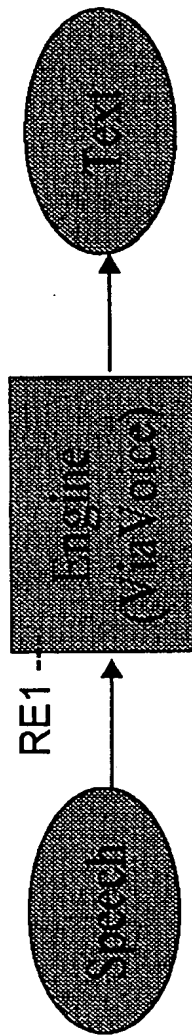


FIG. 1B



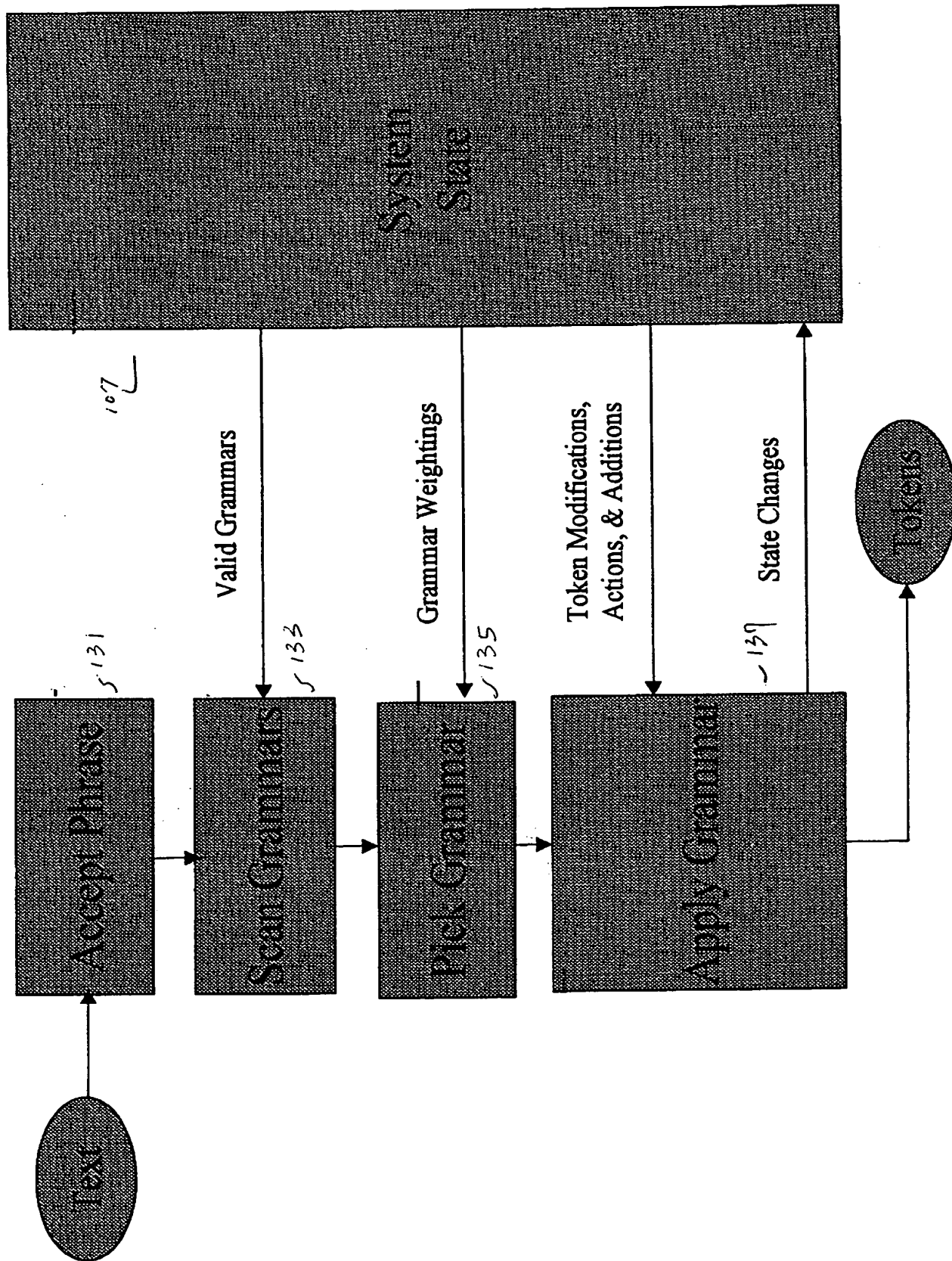
# Recognition



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FIG. 2

# Language Model I



# Query Generation

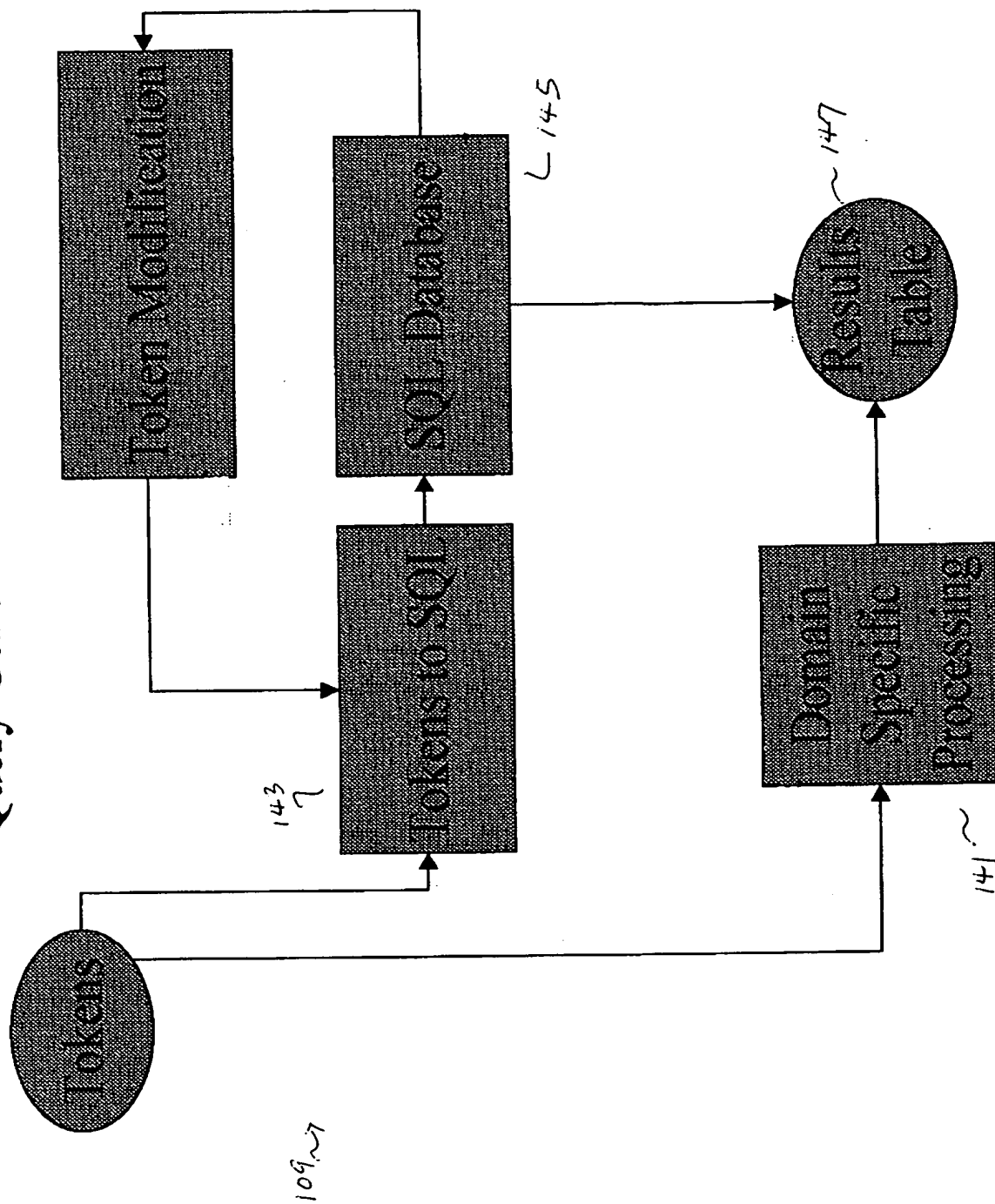


FIG.4

# Results Processing

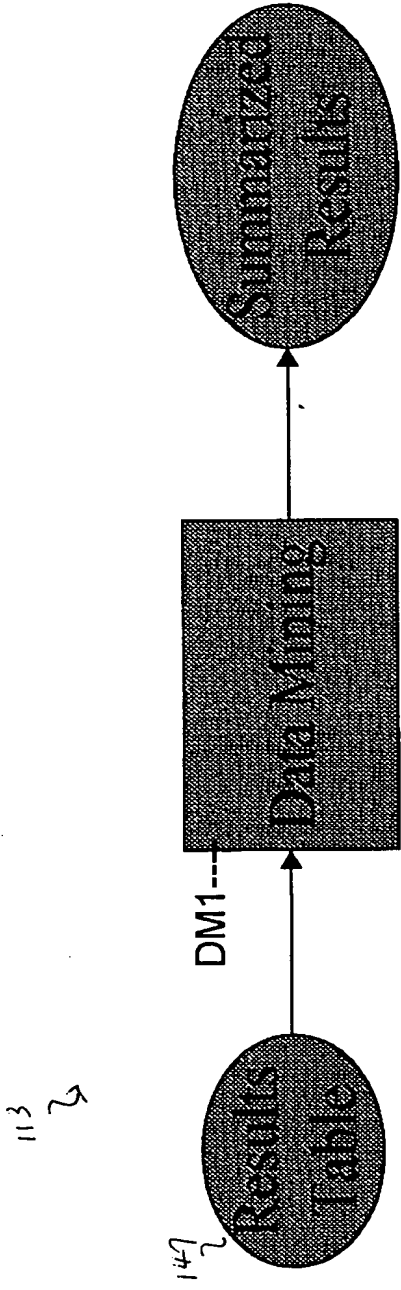


FIG. 5

# Language Model II

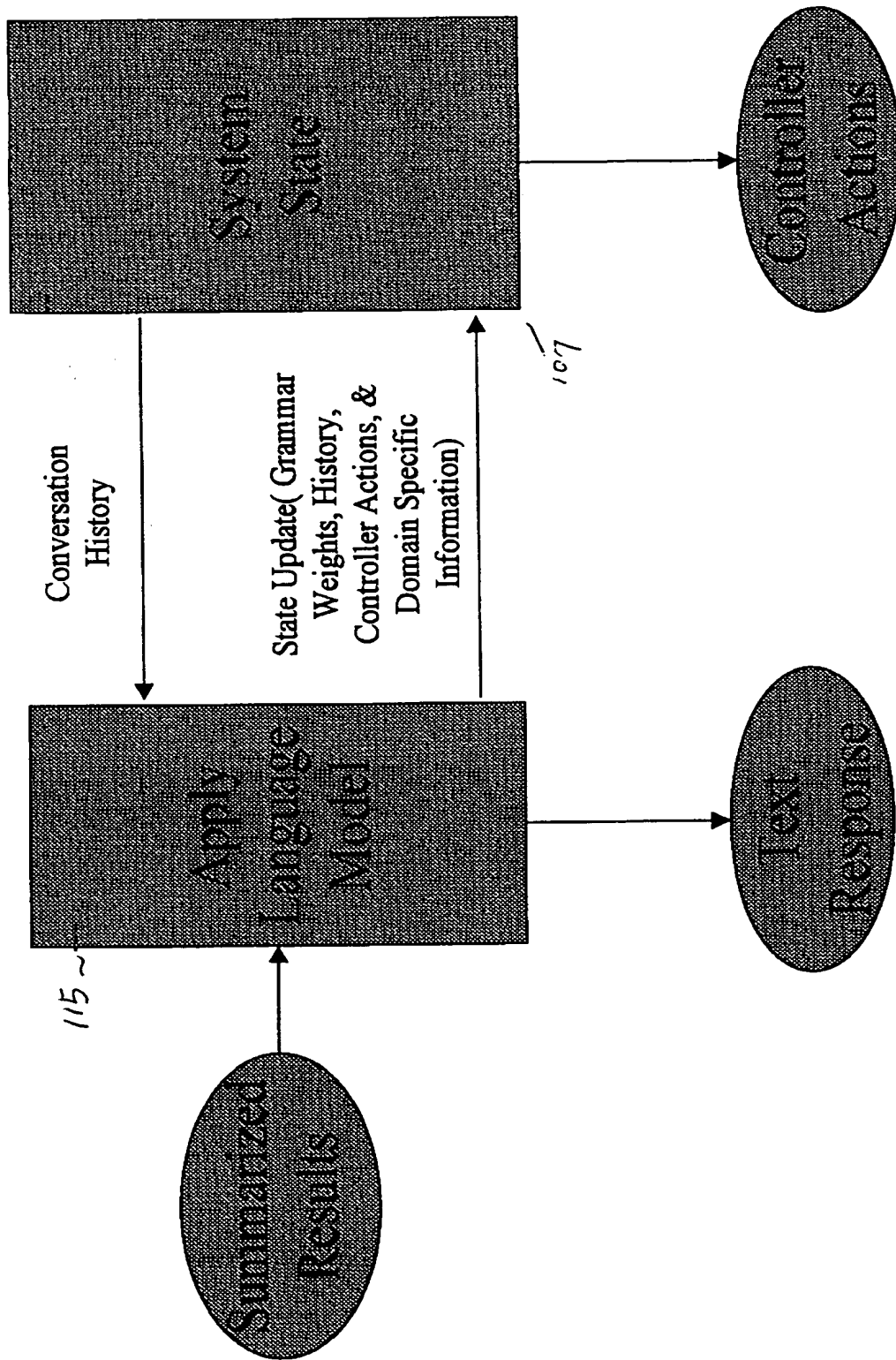
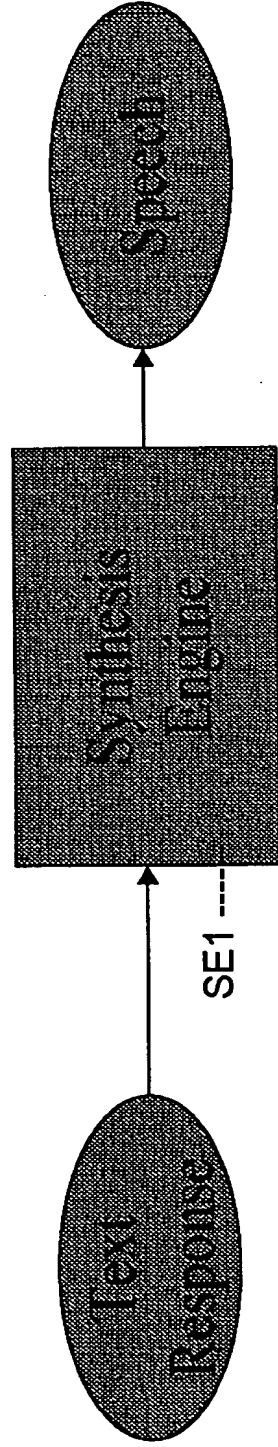


FIG. 6

FIG. 7

# Synthesis

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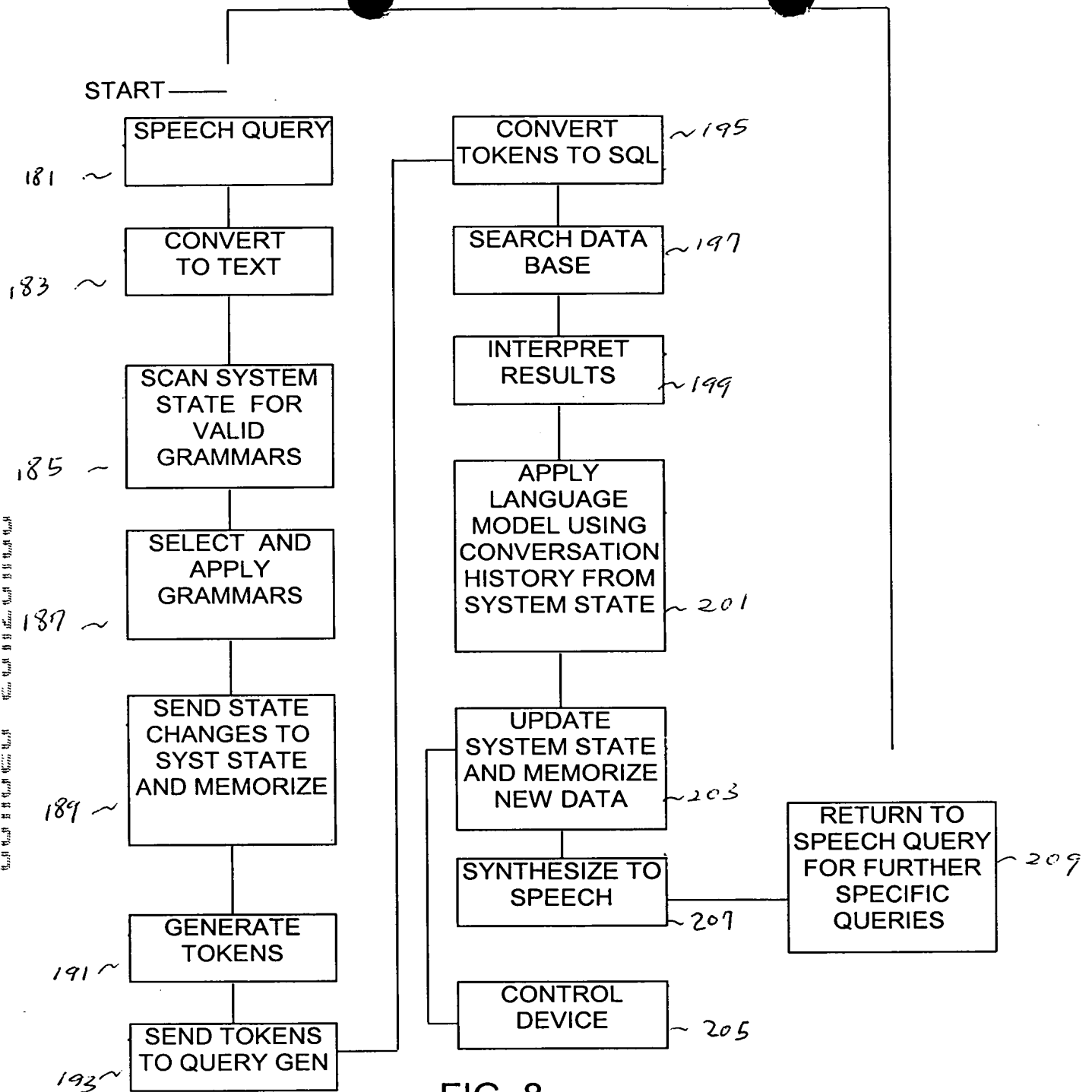


FIG. 8

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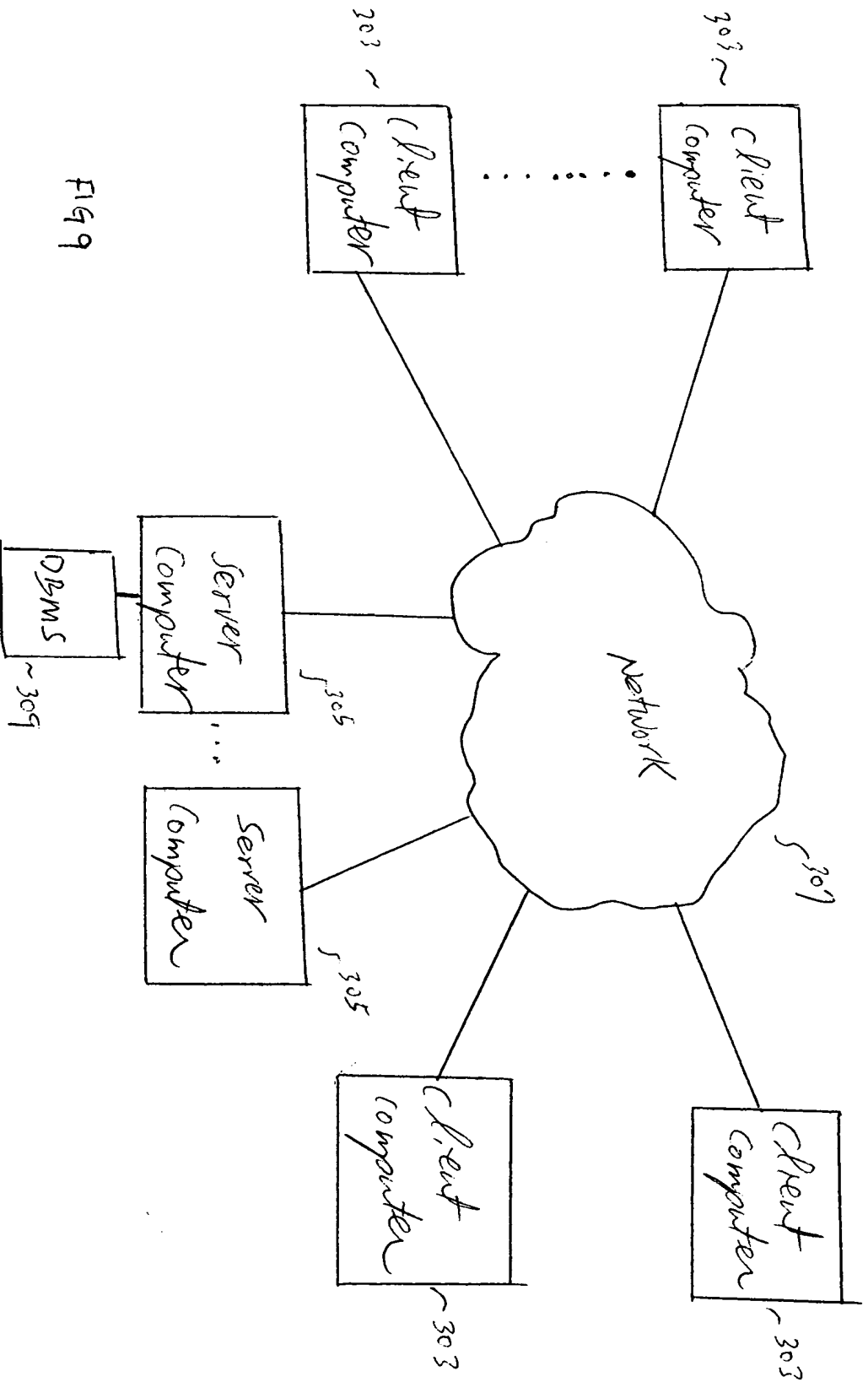


FIG 9